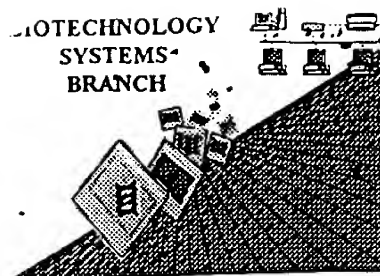


BEST AVAILABLE COPY
RAW SEQUENCE LISTING
ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/988,975

Source: OIPK

Date Processed by STIC: 11/29/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING

DATE: 11/29/2001

PATENT APPLICATION: US/09/988,975

TIME: 10:35:14

Input Set : A:\pf0227_2cip_seqlist.txt

Output Set: N:\CRF3\11212001\I988975.raw

Does Not Comply
Corrected Diskette Needed

COT

pr 3-5

2 <110> APPLICANT: Bandman, Olga
 3 Lal, Preeti G.
 5 <120> TITLE OF INVENTION: PROSTATE-ASSOCIATED PROTEASE ANTIBODY
 7 <130> FILE REFERENCE: PF-0227-2 CIP
 9 <140> CURRENT APPLICATION NUMBER: US/09/988,975
 10 <141> CURRENT FILING DATE: 2001-11-19
 12 <160> NUMBER OF SEQ ID NOS: 8
 13 <170> SOFTWARE: PERL Program
 15 <210> SEQ ID NO: 1
 16 <211> LENGTH: 283
 17 <212> TYPE: PRT
 18 <213> ORGANISM: Homo sapiens
 20 <220> FEATURE:
 21 <221> NAME/KEY: misc_feature
 22 <223> OTHER INFORMATION: Incyte ID No: 556016
 24 <220> FEATURE:
 25 <221> NAME/KEY: unsure
 26 <222> LOCATION: 235
 27 <223> OTHER INFORMATION: unknown or other
 29 <400> SEQUENCE: 1
 30 Met Lys Leu Asn Thr Ser Ala Gly Asn Val Asp Ile Tyr Lys Lys
 31 1 5 10 15
 32 Leu Tyr His Ser Asp Ala Cys Ser Ser Lys Ala Val Val Ser Leu
 33 20 25 30
 34 Arg Cys Ile Ala Cys Gly Val Asn Leu Asn Ser Ser Arg Gln Ser
 35 35 40 45
 36 Arg Ile Val Gly Gly Glu Ser Ala Leu Pro Gly Ala Trp Pro Trp
 37 50 55 60
 38 Gln Val Ser Leu His Val Gln Asn Val His Val Cys Gly Gly Ser
 39 65 70 75
 40 Ile Ile Thr Pro Glu Trp Ile Val Thr Ala Ala His Cys Val Glu
 41 80 85 90
 42 Lys Pro Leu Asn Asn Pro Trp His Trp Thr Ala Phe Ala Gly Ile
 43 95 100 105
 44 Leu Arg Gln Ser Phe Met Phe Tyr Gly Ala Gly Tyr Gln Val Glu
 45 110 115 120
 46 Lys Val Ile Ser His Pro Asn Tyr Asp Ser Lys Thr Lys Asn Asn
 47 125 130 135
 48 Asp Ile Ala Leu Met Lys Leu Gln Lys Pro Leu Thr Phe Asn Asp
 49 140 145 150
 50 Leu Val Lys Pro Val Cys Leu Pro Asn Pro Gly Met Met Leu Gln
 51 155 160 165
 52 Pro Glu Gln Leu Cys Trp Ile Ser Gly Trp Gly Ala Thr Glu Glu
 53 170 175 180
 54 Lys Gly Lys Thr Ser Glu Val Leu Asn Ala Ala Lys Val Leu Leu
 55 185 190 195
 56 Ile Glu Thr Gln Arg Cys Asn Ser Arg Tyr Val Tyr Asp Asn Leu

RAW SEQUENCE LISTING

DATE: 11/29/2001

PATENT APPLICATION: US/09/988,975

TIME: 10:35:14

Input Set : A:\pf0227_2cip_seqlist.txt

Output Set: N:\CRF3\11212001\I988975.raw

```

57                               200                               205                               210
58 Ile Thr Pro Ala Met Ile Cys Ala Gly Phe Leu Gln Gly Asn Val
59                               215                               220                               225
OK> 60 Asp Ser Cys Gln Gly Asp Ser Gly Gly Xaa Leu Val Thr Ser Lys
61                               230                               235                               240
62 Asn Asn Ile Trp Trp Leu Ile Gly Asp Thr Ser Trp Gly Ser Gly
63                               245                               250                               255
64 Cys Ala Lys Ala Tyr Arg Pro Gly Val Tyr Gly Asn Val Met Val
65                               260                               265                               270
66 Phe Thr Asp Trp Ile Tyr Arg Gln Met Arg Ala Asp Gly
67                               275                               280
69 <210> SEQ ID NO: 2
70 <211> LENGTH: 1077
71 <212> TYPE: DNA
72 <213> ORGANISM: Homo sapiens
74 <220> FEATURE:
75 <221> NAME/KEY: misc_feature
76 <223> OTHER INFORMATION: Incyte ID No: 556016
78 <220> FEATURE:
79 <221> NAME/KEY: unsure
80 <222> LOCATION: 9-10, 804
81 <223> OTHER INFORMATION: a, t, c, g, or other
83 <400> SEQUENCE: 2
OK> 84 gcaactctnn tacgatcaact atagggaaag ctggtagcct gcaggtaccg gtccggaatt_60_
85 cccgggtcga cccacgcgctc cgagcggatc caccagcttt atgaaactga acacaagtgc 120
86 cggcaatgtc gatattctata aaaaactgta ccacagtgat gcctgttctt caaaagcagt 180
87 ggtttcttta cgctgtatag cctgcggggc caacttgaac tcaagccgcc agagcaggat 240
88 cgtgggcggc gagagcgcgc tcccgggggc ctggccctgg caggtcagcc tgcacgtcca 300
89 gaacgtccac gtgtgcggag gctccatcat caccgccgag tggatcgtga cagccgccca 360
90 ctgcgtggaa aaacctotta acaatccatg gcatttggag gcatttgcgg ggattttgag 420
91 acaatctttc atgtttctatg gagccggata ccaagtagaa aaagtgattt ctcatccaaa 480
92 ttatgactcc aagaccaaga acaatgacat tgcgctgatg aagctgcaga agcctctgac 540
93 tttcaacgac ctagtgaaac cagtgtgtct gcccaacca ggcatgatgc tgcagccaga 600
94 acagctctgc tggatttccg ggtggggggc caccgaggag aaaggggaaga cctcagaagt 660
95 gctgaacgct gccaaaggtc ttctcattga gacacagaga tgcaacagca gatattgtcta 720
96 tgacaacctg atcacaccag ccatgatctg tgccggcttc ctgcagggga acgtcgattc 780
OK> 97 ttgccagggt_gacagtggag ggcntctggc cacttcgaag aacaatatct ggtggctgat 840
98 aggggatata agctgggggt ctggctgtgc caaagcttac agaccaggag tgtacgggaa 900
99 tgtgatggta ttcacggact ggatttatc acaaatgagg gcagacggct aatccacatg 960
100 gtcttcgttc ttgacgtcgt tttacaagaa aacaatgggg ctggttttgc ttcccgtgc 1020
101 atgatttact cttagagatg attcagaggc cacttcattt ttattaaaca gtgaact 1077
103 <210> SEQ ID NO: 3
104 <211> LENGTH: 270
105 <212> TYPE: DNA
106 <213> ORGANISM: Homo sapiens
108 <220> FEATURE:
109 <221> NAME/KEY: misc_feature
110 <223> OTHER INFORMATION: Incyte ID No: 556016H1
112 <220> FEATURE:

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RAW SEQUENCE LISTING

DATE: 11/29/2001

PATENT APPLICATION: US/09/988,975

TIME: 10:35:14

Input Set : A:\pf0227_2cip_seqlist.txt

Output Set: N:\CRF3\11212001\I988975.raw

```

113 <221> NAME/KEY: unsure
114 <222> LOCATION: 136
115 <223> OTHER INFORMATION: a, t, c, g, or other
117 <400> SEQUENCE: 3
118 ccctgaccat ctgcttccct gagtacacag gggccaacaa atatgatgag gcagccagct 60
119 acatccagag taagtttgag gacctgaata agcgcaaaga caccaaggag atctacacgc 120
W--> 120 acttcacgtg cgccanccga caaccaagaa cgtgcagttc gtgtttgacg ccgtcaccga 180
121 tgtcatcatc aagaacaacc tgaaggactg cgccctcttc tgaggggcag cggggcctgg 240
122 cgggatgggc caccgccgac ttgtacccc 270
124 <210> SEQ ID NO: 4
125 <211> LENGTH: 256
126 <212> TYPE: DNA
127 <213> ORGANISM: Homo sapiens
129 <220> FEATURE:
130 <221> NAME/KEY: misc_feature
131 <223> OTHER INFORMATION: Incyte ID No: 842889H1
133 <400> SEQUENCE: 4
134 agaacaatga cattgcgctg atgaagctgc agaagcctct gactttcaac gacctagtga 60
135 aaccagtgtg tctgcccaac ccaggcatga tgctgcagcc agaacagctc tgctggattt 120
136 cggggtgggg ggccaccgag gagaaagga agacctcaga agtgcgtaac gctgccaaagg 180
137 tgcttctcat tgagacacag agatgcaaca gcagatatgt ctatgacaac ctgatcacac 240
138 cagccatgat ctgtgc 256
140 <210> SEQ ID NO: 5
141 <211> LENGTH: 294
142 <212> TYPE: DNA
143 <213> ORGANISM: Homo sapiens
145 <220> FEATURE:
146 <221> NAME/KEY: misc_feature
147 <223> OTHER INFORMATION: Incyte ID No: 991163H1
149 <220> FEATURE:
150 <221> NAME/KEY: unsure
151 <222> LOCATION: 8, 65, 73, 90, 172, 179, 192, 199, 223, 241, 259, 263, 285
152 <223> OTHER INFORMATION: a, t, c, g, or other
154 <400> SEQUENCE: 5
W--> 155 ctttacgntg tatagcctgc ggggtcaact tgaactcaag ccgccagagc aggatcgtgg 60
W--> 156 gcgngagag cngctccc ggggctggn cctggcaggt cagcctgcac gtccagaacg 120
W--> 157 tccacgtgtg cggaggtcc atcatcccc ccgagtgat cgtgacagcc gncactgng 180
W--> 158 tggaaaaacc tnttaacant ccatggcatt ggacggcatt tngggggatt ttgagacaat 240
W--> 159 ntctcatgtt ctatggagnc ggnaccgaag tagaaaaagt gttntcatc caaa 294
161 <210> SEQ ID NO: 6
162 <211> LENGTH: 235
163 <212> TYPE: PRT
164 <213> ORGANISM: Homo sapiens
166 <300> PUBLICATION INFORMATION:
167 <308> DATABASE ACCESSION NO: Genbank ID No: g416132
W--> 169 <300> PUBLICATION INFORMATION: 6
170 Ile Val Gly Gly Ser Asp Ser Arg Glu Gly Ala Trp Pro Trp Val
171 1 5 10 15
172 Val Ala Leu Tyr Phe Asp Asp Gln Gln Val Cys Gly Ala Ser Leu

```

Explanation!

<309> and response
are mandatory

whenever <308>
has a response

RAW SEQUENCE LISTING

DATE: 11/29/2001

PATENT APPLICATION: US/09/988,975

TIME: 10:35:14

Input Set : A:\pf0227_2cip_seqlist.txt

Output Set: N:\CRF3\11212001\I988975.raw

```

173          20          25          30
174 Val Ser Arg Asp Trp Leu Val Ser Ala Ala His Cys Val Tyr Gly
175          35          40          45
176 Arg Asn Met Glu Pro Ser Lys Trp Lys Ala Val Leu Gly Leu His
177          50          55          60
178 Met Ala Ser Asn Leu Thr Ser Pro Gln Ile Glu Thr Arg Leu Ile
179          65          70          75
180 Asp Gln Ile Val Ile Asn Pro His Tyr Asn Lys Arg Arg Lys Asn
181          80          85          90
182 Asn Asp Ile Ala Met Met His Leu Glu Met Lys Val Asn Tyr Thr
183          95         100         105
184 Asp Tyr Ile Gln Pro Ile Cys Leu Pro Glu Glu Asn Gln Val Phe
185         110         115         120
186 Pro Pro Gly Arg Ile Cys Ser Ile Ala Gly Trp Gly Ala Leu Ile
187         125         130         135
188 Tyr Gln Gly Ser Thr Ala Asp Val Leu Gln Glu Ala Asp Val Pro
189         140         145         150
190 Leu Leu Ser Asn Glu Lys Cys Gln Gln Gln Met Pro Glu Tyr Asn
191         155         160         165
192 Ile Thr Glu Asn Met Val Cys Ala Gly Tyr Glu Ala Gly Gly Val
193         170         175         180
194 Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu Met Cys Gln Glu
195         185         190         195
196 Asn Asn Arg Trp Leu Leu Ala Gly Val Thr Ser Phe Gly Tyr Gln
197         200         205         210
198 Cys Ala Leu Pro Asn Arg Pro Gly Val Tyr Ala Arg Val Pro Arg
199         215         220         225
200 Phe Thr Glu Trp Ile Gln Ser Phe Leu His
201         230         235

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203 <210> SEQ ID NO: 7

204 <211> LENGTH: 262

205 <212> TYPE: PRT

206 <213> ORGANISM: Homo sapiens

208 <300> PUBLICATION INFORMATION:

209 <308> ~~DATABASE~~ ACCESSION NO: Genbank ID No: g186653W--> 211 <300> PUBLICATION INFORMATION: *same entry*

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212 Met Trp Phe Leu Val Leu Cys Leu Ala Leu Ser Leu Gly Gly Thr
213 1          5          10          15
214 Gly Ala Ala Pro Pro Ile Gln Ser Arg Ile Val Gly Gly Trp Glu
215          20          25          30
216 Cys Glu Gln His Ser Gln Pro Trp Gln Ala Ala Leu Tyr His Phe
217          35          40          45
218 Ser Thr Phe Gln Cys Gly Gly Ile Leu Val His Arg Gln Trp Val
219          50          55          60
220 Leu Thr Ala Ala His Cys Ile Ser Asp Asn Tyr Gln Leu Trp Leu
221          65          70          75
222 Gly Arg His Asn Leu Phe Asp Asp Glu Asn Thr Ala Gln Phe Val
223          80          85          90
224 His Val Ser Glu Ser Phe Pro His Pro Gly Phe Asn Met Ser Leu

```

RAW SEQUENCE LISTING

DATE: 11/29/2001

PATENT APPLICATION: US/09/988,975

TIME: 10:35:14

Input Set : A:\pf0227_2cip_seqlist.txt

Output Set: N:\CRF3\11212001\I988975.raw

```

225          95          100          105
226 Leu Glu Asn His Thr Arg Gln Ala Asp Glu Asp Tyr Ser His Asp
227          110          115          120
228 Leu Met Leu Leu Arg Leu Thr Glu Pro Ala Asp Thr Ile Thr Asp
229          125          130          135
230 Ala Val Lys Val Val Glu Leu Pro Thr Gln Glu Pro Glu Val Gly
231          140          145          150
232 Ser Thr Cys Leu Ala Ser Gly Trp Gly Ser Ile Glu Pro Glu Asn
233          155          160          165
234 Phe Ser Phe Pro Asp Asp Leu Gln Cys Val Asp Leu Lys Ile Leu
235          170          175          180
236 Pro Asn Asp Glu Cys Glu Lys Ala His Val Gln Lys Val Thr Asp
237          185          190          195
238 Phe Met Leu Cys Val Gly His Leu Glu Gly Gly Lys Asp Thr Cys
239          200          205          210
240 Val Gly Asp Ser Gly Gly Pro Leu Met Cys Asp Gly Val Leu Gln
241          215          220          225
242 Gly Val Thr Ser Trp Gly Tyr Val Pro Cys Gly Thr Pro Asn Lys
243          230          235          240
244 Pro Ser Val Ala Val Arg Val Leu Ser Tyr Val Lys Trp Ile Glu
245          245          250          255
246 Asp Thr Ile Ala Glu Asn Ser
247          260
249 <210> SEQ ID NO: 8
250 <211> LENGTH: 263
251 <212> TYPE: PRT
252 <213> ORGANISM: Homo sapiens
254 <300> PUBLICATION INFORMATION:
255 <308> DATABASE ACCESSION NO: Genbank ID No: g55527
W--> 257 <300> PUBLICATION INFORMATION: 8 same
258 Met Trp Phe Leu Ile Leu Phe Leu Ala Leu Phe Leu Gly Gly Ile
259 1 5 10 15
260 Asp Ala Ala Pro Pro Val Gln Ser Arg Ile Ile Gly Gly Phe Asn
261 20 25 30
262 Cys Glu Lys Asn Ser Gln Pro Trp His Val Ala Val Tyr Arg Phe
263 35 40 45
264 Ala Arg Tyr Gln Cys Gly Gly Val Leu Leu Asp Ala Asn Trp Val
265 50 55 60
266 Leu Thr Ala Ala His Cys Tyr Asn Asp Lys Tyr Gln Val Trp Leu
267 65 70 75
268 Gly Lys Asn Asn Arg Phe Glu Asp Glu Pro Ser Ala Gln His Gln
269 80 85 90
270 Leu Ile Ser Lys Ala Ile Pro His Pro Gly Phe Asn Met Ser Leu
271 95 100 105
272 Leu Asn Lys Asp His Thr Pro His Pro Glu Asp Asp Tyr Ser Asn
273 110 115 120
274 Asp Leu Met Leu Val Arg Leu Lys Lys Pro Ala Glu Ile Thr Asp
275 125 130 135
276 Val Val Lys Pro Ile Asp Leu Pro Thr Glu Glu Pro Thr Val Gly

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VERIFICATION SUMMARY

DATE: 11/29/2001

PATENT APPLICATION: US/09/988,975

TIME: 10:35:15

Input Set : A:\pf0227_2cip_seqlist.txt

Output Set: N:\CRF3\11212001\I988975.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:97 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:169 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:6
L:211 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:7
L:257 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:8